New Power Projects

†2331. SHRI VEDPRAKASH P. GOYAL: Will the Minister of POWER be pleased to state·

(a) whether Government are going to formulate any effective plan to undertake any new power project and to increase the generation capacity of the earlier projects; and

(b) if so, the comprehensive details of the said Plan?

THE MINISTER OF POWER (SHRI P M. SAYEED) (a) and (b) Central Electricity Authority has estimated that an additional capacity of 1,00,000 MW would be required by 2012 to meet the power demand in full. A capacity addition target of 41,110 MW has been envisaged for Tenth Plan. An effective plan to achieve it is already in place The remaining capacity is to be planned for Eleventh Plan. The sector-wise capacity addition targets for Tenth Plan are as follows:

(All figures in MW)

	Hydro	Thermal	Nuclear	Overall
Central Sector	8742	12790	1300	22832
State Sector	4481	6676	0	11157
Private Sector	1170	5951	0	7121
Overall	14393	25417	1300	41110

To realize the target an outlay of Rs 270276 35 crore has been allocated for Central Sector comprising of Rs. 177050.64 crore for Central Sector and Rs. 93225.72 crore for State Sector for development of Power infrastructure during the Tenth Plan.

Progress of Power Projects in Chhattisgarh/Uttaranchal

2332. SHRIMATI KAMLA MANHAR: Will the Minister of POWER be pleased to state:

(a) the details of progress made on the ongoing Power Projects in Chhattisgarh/Uttaranchal;

(b) by when these projects are likely to be completed; and

†Orginal notice of the question was received in Hindi

(c) the details regarding the cost escalations and time overrun in their execution with estimated capacity of the projects?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) and (b) There is no ongoing Hydro electric project in the State of Chhattisgarh. The brief status of ongoing Thermal electric projects in Central and State Sector in Chhattisgarh is enclosed as Statement-I (*See* below). There is no ongoing thermal power project in the State of Uttaranchal. The brief status of ongoing hydro power projects in Central and State Sector in Uttaranchal is enclosed as Statement-II (*See* below).

(c) As per information received from Central Electricity Authority there is no time and cost overrun in respect of projects under implementation in the State of Chhattisgarh. Details of Power Projects under implementation in Uttaranchal, having time and/or cost overrun, are given in the enclosed Statement-III (*See* below).

Statement-I

Status of ongoing Thermal Power Projects in Chhattisgarh

Project details	Capacity (MW)	Broad Status
Central Sector		
Sipat TPS St-I U-1,U-2&U-2(NTPC)	3 x 660	Main Plant Order placed in April, 2004. Works relating to the project are progressing as per schedule.
Sipat TPS St.-II U-4 & U-5 (NTPC)	2 X 500	Main Plant Order placed on BHEL on 15.12.2003. MOE&F clearance received on 8.6.04. Works related to the project are progressing as per schedule.
State Sector		

Project details	Capacity (MW)	Broad Status
Korba East TPS ST-V U-1 & 2 (CSEB)	2 X 250	Main Plant Order has been placed on M/s BHEL on 11.08.03. MOE&F clearance obtained. The project is expected to be commissioned in 2006-07.

Statement-II

Status of Ongoing Hydro Electric Power Projects in Uttaranchal

Project details	Capacity (MW)	Broad Status
Central Sector Dhauliganga St.I (NHPC) Uttaranchal	4 x 70	Works related to spillway excavation, dam embankment placement and surge shaft is nearing completion. In respect of Head Race Tunnel, Excavation & Linking completed Tail race lining completed except pluggmg Hydro:-Mechanical works are in progress. The project is expected to be commissioned in the year 2004-05
Tehri St. I (THDC) Uttaranchal	4 X 250	The works related to main dam, Intermediate Level Outlet (ILO) are in progress. Electro-mechanical works are nearing completion First stage of rural rehabilitation has been completed. Urban rehabilitation works are in progress. The project is likely to be completed by May, 2005.

Project details	Capacity (MW)	Broad Status
Koteshwar (THDC)	4 x 100	Major civil package was awarded with a completion period of 42 months *i.e.* by February, 2006. Electro-Mechanical package was awarded in March, 2003 with a completion period of 39 months. The project is expected to be completed in 2006-07.
State Sector		
Maneri Bhali II	4 x 76	The Government of U.P. had assigned the Construction Works of Maneri Bhali St. II to UPJVNL in January, 2000. After the formation of State of Uttaranchal, the funds are being managed by Uttaranchal JVNL Ltd. taking loan from PFC. The project works have been re-started *w.e.f.* November, 2002. The status of works completed so far is given as under: The civil works in respect of Barrage, Intake & Sedimentation Tank, Head Race tunnel, Search Tank, Penstocks, Radial Gates and Powerhouse Complex are in progress. The Electro-Mechanical Works are in progress. Order placed to BHEL in November, 2002 for main generating equipment.

Statement-III

Progress of Power Projects in Chhattisgarh/Uttaranchal Ongoing the projects in Uttaranchal time Cost overrun

Sl No	Name of the Project Executing Agency	Date of CCEA clearance/ investment decision	Commissiong schedule		Time over run	Project costs Rs Crore/Price Level			Cost overrun as per latest cost	
			Onginal	Latest Appd cost		Onginal	Latest	Latest	%age	Rs Crs
Central Sector										
NHPC										
1	Dhauliganga HE Project (4x70 MW) Uttaranchal	8 4 1991	1998-99	2004-05	6 Yrs.	601 98 (12/89)	1578 31 (8/99)	1578 31 (8/99)	162.19	976.33
THDC										
2	Tehn St I HE Project (4x250 MW) Uttaranchal	15 3 94	1997-99	2004-06	6 Yrs	3391 40 (3/93)	5690 64 (8/99)	5690 64 (8/99)	67 80	2299 24
3	Koteshwar HE Project (4x100 MW) Uttaranchal	10 4.2000	2005-06	2006-07	1 Yrs	1301 56 (10/99)	1301 56 (10/99)	-	Nil	Nil
State Sector										
4	Maneri Bhaki-II HE Project (4x76 MW) JVNL	21 2 2000	2003-04	2005-06	2 Yrs	1249 18 (2/99)	1249 18 (2/99)	1249 18 (2/99)	Nil	Nil